WESTON SOLUTIONS, INC.		SOIL BORING LOG			
Project	Turkey Brook	**Boring ID**	SB-10	**Groundwater Levels**	
Location	Oakville, Connecticut	**Well ID**	NA	**Date**	**Depth**
Date Drilled	November 21, 2013	**Drilling Method**	Direct Push	NA	NA
Drilling Company	U.S. EPA OEME*	**Sampling Method**	4-ft. Macrocore		
Operator	Jerry Keefe/Dan Granz	**Completion Depth**	12 feet bgs		
Drill Rig	Geoprobe	**Surface Elevation**	NA		
Logged by	George Mavris - Weston, Superfund Technical Assessment and Response Team (START)				

Depth (ft bgs)	Macrocore Number	Recovery (inches)	Soil Description (Burmister System)	PID Screen (ppm)**
1_ 2_ 3_ 4_	1	25	0 - 2" Dark brown, fine SAND and SILT (topsoil). Moist. 2 - 25" Dark brown, fine-to-medium SAND, little coarse-to-fine gravel (SubA), trace silt. Moist. [Fill].	Top = 0.1 Bottom = 0.1 Length = 0
5_ 6_ 7_ 8_	2	30	0 - 7" Gray, coarse GRAVEL (SubA) and coarse-to-medium SAND, trace silt. Moist. [Fill]. 7 - 17" Brown, fine SAND, little fine gravel and silt. Moist. [Fill]. 17 - 26"*** Gray, coarse-to-medium SAND (petroleum odor), trace fine gravel and silt. Moist. [Fill]. 26 - 30" Brown, fine-to-coarse SAND, trace fine gravel and silt. Wet.	Top = 0 Bottom = 0.4 Length = 5.9
9_ 10_ 11_ 12_	3	36	0 - 36" Brown and orange-brown, fine-to-coarse SAND (slight petroleum odor in 0 to 20-inch interval), trace fine gravel and silt. Wet. **- End of Boring at 12 feet bgs -**	Top = 0.1 Bottom = 0.1 Length = 0

Notes:
bgs = below ground surface
ft = feet
ppm = parts per million
NA = Not Applicable
SubA = subangular
PID = Photoionization Detector

PROPORTIONS USED (BY DRY WEIGHT)
0 to 10% = Trace
>10 to 20% = Little
>20 to 35% = Some
>35 to 50% = And
> 50% = Major

* United States Environmental Protection Agency, Office of Environmental Measurement and Evaluation
** MultiRAE Plus Systems multi-gas photoionization detector calibrated to 100 ppm isobutylene, 50 ppm carbon monoxide, 25 ppm hydrogen sulfide, 20.9% oxygen, and 50% methane.
*** Soil sample SB-10 collected from 17 to 26-inch interval from Macrocore No. 2 (4 - 8 feet). PID = 5.9 ppm.

Analytical results for Total Petroleum Hydrocarbons (C9 - C36) = 14,000 milligrams per kilogram (mg/Kg).